

Date: Thu, 9 Dec 93 04:30:51 PST  
From: Ham-Homebrew Mailing List and Newsgroup <ham-homebrew@ucsd.edu>  
Errors-To: Ham-Homebrew-Errors@UCSD.Edu  
Reply-To: Ham-Homebrew@UCSD.Edu  
Precedence: Bulk  
Subject: Ham-Homebrew Digest V93 #127  
To: Ham-Homebrew

Ham-Homebrew Digest                      Thu, 9 Dec 93                      Volume 93 : Issue 127

Today's Topics:

94 MHz L.O./ Case Ground???????  
AM & SW antennae for \$5 , Great for Superradio III !  
Help me on Knw - diodes of config.  
interference problem?  
Kenwood HT Batteries - homebrew charger  
reply to using magnetron

Send Replies or notes for publication to: <Ham-Homebrew@UCSD.Edu>  
Send subscription requests to: <Ham-Homebrew-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Homebrew Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-homebrew".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: Tue, 07 Dec 1993 17:18:04 GMT  
From: yuma!galen@purdue.edu  
Subject: 94 MHz L.O./ Case Ground???????  
To: ham-homebrew@ucsd.edu

I'm building a 94 MHz Local Oscillator, and the transistor has a case  
ground pin. Should I ground it or cut it off? It's an NPN transistor  
in a TO-72 case (little metal can).  
Many thanks,  
Galen, KF0YJ

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Date: Tue, 7 Dec 1993 16:43:36 GMT  
From: usc!howland.reston.ans.net!pipex!bnr.co.uk!corpgate!news.utdallas.edu!  
feenix.metronet.com!copeland@network.ucsd.edu  
Subject: AM & SW antennae for \$5 , Great for Superradio III !

To: ham-homebrew@ucsd.edu

I finally found a cheap solution for an AM antennae for my Superradio III.

In the September 1993 issue of Monitoring Times on page 100 is an article on how to make passive and active AM antennae.

It has a picture of a small PC board to make the active antennae. It boosts antennae gain 10db. The author will sell the blank PC boards for \$3.50 + \$1.50 for shipping.

The address is:

FAR Circuits  
18N640 Field Court  
Dundee, IL 60118

If you want a copy of the article, I can e-mail you the two pages in GIF or TIF format. Send request to copeland@feenix.metronet.com

Newsgroups: rec.radio.amateur.antenna,  
              rec.radio.amateur.equipment,  
              rec.radio.amateur.homebrew,  
              rec.radio.shortwave

Subject: AM & SW antennae for \$5

Summary:

Expires:

Sender:

Followup-To:

Distribution: world

Organization: Texas Metronet, Internet for the Individual 214-705-2917 (info)

Keywords:

Cc:

I finally found a cheap solution for an AM antennae for my Superradio III.

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Date: Tue, 7 Dec 1993 17:14:41 GMT  
From: sdd.hp.com!math.ohio-state.edu!howland.reston.ans.net!EU.net!news.inescn.pt!  
animal.inescn.pt!bart!avale@network.ucsd.edu  
Subject: Help me on Knw - diodes of config.  
To: ham-homebrew@ucsd.edu

Hello,

I have one Kenwood TR751E all mode 2m, and I need use the tone encoder TU-7 that I already have. In the schematic and technical manual do not refer what to do with the config. diodes D3, D4, D5, D6 and D7 on the Control Unit. What are the individual function of each other. The D14 is on the owner manual and is to config. the step, but the others!? I only need to inform the unit that he has the TU-7 installed.

If anyone of you have this kind of information, or the email/internet of Kenwood, I will thank you a lot.

73, Antonio (CT1DZY) E-mail: avale@bart.inescn.pt

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Date: Tue, 07 Dec 93 10:54:20 PST  
From: destroyer!news.itd.umich.edu!usenet@uunet.uu.net  
Subject: interference problem?  
To: ham-homebrew@ucsd.edu

> and I heard the word "canada" in it...it was around 8-9pm).  
> This morning I picked up the box at radio shack and put  
> my board in it. (Here's the problem) I went out and wired the thing  
> EXACTLY the same....nothing. I couldn't pick up a thing; not even  
> the french/canadian station.

Try again at night, I dont know what freq. you are listing too, but your lack of reception might be due to propagation difference between morning and night. All so the station might just not be on the air at that time of day.

A better ant. is also in order.

N8AMX t.snoblen@compmail.com

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Date: 7 Dec 1993 15:36:35 GMT  
From: korie1!lll-winken.llnl.gov!overload.lbl.gov!dog.ee.lbl.gov!biocca@ames.arpa  
Subject: Kenwood HT Batteries - homebrew charger  
To: ham-homebrew@ucsd.edu

I'm considering building a charger for the TH-78a batteries. There appears to be some circuitry between the bottom charge connection and the battery - perhaps a diode or thermistor. Has someone already figured out what it is?

I'm looking at the Maxim fast charging chip that uses negative delta voltage shutoff. What technology does Kenwood use in their charger?

Thanks,

Alan  
WB6ZQZ  
AKBiocca@lbl.gov

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Date: Sun, 5 Dec 1993 20:05:29 GMT  
From: agate!iat.holonet.net!pubcon!brian.oakley@ames.arpa  
Subject: reply to using magnetron  
To: ham-homebrew@ucsd.edu

your solution may be the answer to my comment. i read an article that addressed using microwave magnetrons and it was stated that those should be avoided because of very unstable oscillation frequency. that they were made to heat, not to be stable. any info would serve to make me wiser im sure :)  
please feel free. i dont know a lot about mw yet but im learning :). 73  
wb5kxw

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End of Ham-Homebrew Digest V93 #127

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